



Dairy Products

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February 2022 Highlights

Total cheese output (excluding cottage cheese) was 1.11 billion pounds, 6.3 percent above February 2021 but 5.3 percent below January 2022.

Italian type cheese production totaled 470 million pounds, 6.0 percent above February 2021 but 6.7 percent below January 2022.

American type cheese production totaled 444 million pounds, 4.3 percent above February 2021 but 5.8 percent below January 2022.

Butter production was 184 million pounds, 1.4 percent below February 2021 and 5.4 percent below January 2022.

Dry milk products (comparisons in percentage with February 2021)

Nonfat dry milk, human - 171 million pounds, down 6.9 percent.

Skim milk powder - 29.6 million pounds, down 6.4 percent.

Whey products (comparisons in percentage with February 2021)

Dry whey, total - 75.0 million pounds, down 0.4 percent.

Lactose, human and animal - 92.9 million pounds, up 17.4 percent.

Whey protein concentrate, total - 47.1 million pounds, up 25.7 percent.

Frozen products (comparisons in percentage with February 2021)

Ice cream, regular (hard) - 52.3 million gallons, down 6.0 percent.

Ice cream, lowfat (total) - 30.9 million gallons, down 7.6 percent.

Sherbet (hard) - 2.51 million gallons, down 3.6 percent.

Frozen yogurt (total) - 4.17 million gallons, up 1.8 percent.

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Dairy Products Production by Product – United States: February 2021 and 2022

Product	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	186,304	194,034	183,635	-1.4	-5.4
Cheese					
American types ¹	426,094	471,650	444,350	4.3	-5.8
Cheddar	300,535	332,479	312,294	3.9	-6.1
Other American types	125,559	139,171	132,056	5.2	-5.1
Blue and Gorgonzola	6,795	8,197	8,200	20.7	-
Brick and Muenster	14,628	16,494	15,134	3.5	-8.2
Cream and Neufchatel	72,787	87,407	84,415	16.0	-3.4
Feta	12,097	9,606	12,087	-0.1	25.8
Gouda	5,210	5,957	5,488	5.3	-7.9
Hispanic	28,250	26,340	28,789	1.9	9.3
Italian types	443,254	503,643	469,859	6.0	-6.7
Mozzarella	345,504	394,810	360,781	4.4	-8.6
Parmesan	37,301	45,578	45,884	23.0	0.7
Provolone	28,052	28,271	29,761	6.1	5.3
Ricotta	21,646	21,525	19,151	-11.5	-11.0
Romano	4,571	5,507	7,037	53.9	27.8
Other Italian types	6,180	7,952	7,245	17.2	-8.9
Swiss	22,988	31,137	28,130	22.4	-9.7
All other types	11,402	11,575	13,043	14.4	12.7
Total cheese ²	1,043,505	1,172,006	1,109,495	6.3	-5.3
Cottage cheese, curd ³	29,790	29,080	30,050	0.9	3.3
Cottage cheese, cream ⁴	27,470	27,422	28,072	2.2	2.4
Cottage cheese, lowfat ⁵	24,271	24,313	24,759	2.0	1.8
Sour cream	113,749	121,358	114,628	0.8	-5.5
Yogurt, plain and flavored	381,121	372,943	372,974	-2.1	-
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	55,630	51,240	52,268	-6.0	2.0
Ice cream, lowfat, hard	19,725	15,178	17,040	-13.6	12.3
Ice cream, lowfat, soft	13,782	12,367	13,907	0.9	12.5
Ice cream, lowfat, total ⁶	33,507	27,545	30,947	-7.6	12.4
Ice cream, nonfat, hard	419	571	509	21.5	-10.9
Sherbet, hard	2,605	2,303	2,511	-3.6	9.0
Frozen yogurt, total	4,101	3,371	4,174	1.8	23.8
Regular and lowfat, hard	938	692	1,045	11.4	51.0
Nonfat, hard	306	271	272	-11.1	0.4
Other frozen dairy products	776	684	646	-16.8	-5.6
Water and juice ices	5,273	4,371	4,970	-5.7	13.7
Mix for frozen products					
Ice cream, regular, mix	35,772	30,980	33,598	-6.1	8.5
Ice cream, lowfat, mix ⁷	18,634	15,394	17,296	-7.2	12.4
Ice cream, nonfat, mix	400	391	427	6.8	9.2
Sherbet mix	1,998	1,560	1,829	-8.5	17.2
Yogurt mix	1,636	1,258	1,352	-17.4	7.5

- Represents zero.

¹ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

² Excludes Cottage Cheese.

³ Mostly used for processing into cream or lowfat cottage cheese.

⁴ Fat content 4 percent or more.

⁵ Fat content less than 4 percent.

⁶ Includes freezer-made milkshake.

⁷ Includes milkshake mix.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:
February 2021 and 2022**

Product	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	5,628	6,207	7,903	40.4	27.3
Dry whey products					
Dry whey, human	74,245	77,848	73,700	-0.7	-5.3
Dry whey, animal	1,078	2,558	1,298	20.4	-49.3
Dry whey, total	75,323	80,406	74,998	-0.4	-6.7
Reduced lactose and minerals					
Human	1,680	4,154	4,047	140.9	-2.6
Animal	2,787	4,908	4,760	70.8	-3.0
Whey protein concentrate					
Human ²	37,065	45,503	45,812	23.6	0.7
Animal ²	447	1,723	1,336	198.9	-22.5
Total ²	37,512	47,226	47,148	25.7	-0.2
25.0-49.9 percent ³	13,908	17,196	16,762	20.5	-2.5
50.0-89.9 percent ³	23,604	30,030	30,386	28.7	1.2
Whey protein isolates ⁴	9,877	11,616	10,861	10.0	-6.5
Lactose, human and animal	79,123	101,448	92,896	17.4	-8.4
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	69,114	55,704	61,852	-10.5	11.0
Dry whey, animal	812	873	1,171	44.2	34.1
Dry whey, total	69,926	56,577	63,023	-9.9	11.4
Reduced Lactose and minerals					
Human and animal ⁶	6,378	6,801	6,402	0.4	-5.9
Whey protein concentrate					
Human ²	65,132	64,974	65,935	1.2	1.5
Animal ²	1,739	1,538	1,694	-2.6	10.1
Total ²	66,871	66,512	67,629	1.1	1.7
25.0-49.9 percent ³	26,591	22,767	23,347	-12.2	2.5
50.0-89.9 percent ³	40,280	43,745	44,282	9.9	1.2
Whey protein isolates ⁴	14,584	12,911	13,088	-10.3	1.4
Lactose, human and animal	132,062	165,529	163,993	24.2	-0.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	34.6	33.1	44.0	9.4	10.9

¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

² Whey protein concentrate, 25.0 to 89.9 percent.

³ Whey protein concentrate, human and animal.

⁴ Whey protein isolate, 90.0 percent or greater.

⁵ Stocks held by manufacturers at all points and in transit.

⁶ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁷ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Condensed and Dry Milk Products Production, Stocks, and Shipments – United States:
February 2021 and 2022**

Product	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	99,645	102,138	93,006	-6.7	-8.9
Dry milk products					
Dry buttermilk, total	11,837	12,353	12,861	8.7	4.1
Dry skim milk, animal	580	894	658	13.4	-26.4
Dry whole milk	11,072	14,251	10,103	-8.8	-29.1
Milk protein concentrate, total ¹	18,367	21,698	19,436	5.8	-10.4
Nonfat dry milk, human	183,614	170,306	170,995	-6.9	0.4
Skim milk powder, total ²	31,639	43,415	29,612	-6.4	-31.8
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	23,922	22,322	22,907	-4.2	2.6
Dry skim milk, animal	9,952	5,128	6,994	-29.7	36.4
Dry whole milk	16,657	27,059	24,704	48.3	-8.7
Nonfat dry milk, human	343,749	261,588	288,780	-16.0	10.4
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	137,307	160,471	137,166	-0.1	-14.5

¹ Dry milk protein concentrate, 40-89.9 percent.

² Includes protein standardized and blends.

³ Stocks held by manufacturers at all points and in transit.

⁴ For dry products, shipments of bulk goods.

Dairy Products Production by Product and Month – United States: 2021 and 2022

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese ¹						
January	1,135,567	1,172,006	3.2	1,135,567	1,172,006	3.2
February	1,043,505	1,109,495	6.3	2,179,072	2,281,501	4.7
March	1,175,989			3,355,061		
April	1,135,900			4,490,961		
May	1,157,550			5,648,511		
June	1,121,555			6,770,066		
July	1,143,239			7,913,305		
August	1,146,746			9,060,051		
September	1,133,745			10,193,796		
October	1,152,795			11,346,591		
November	1,121,980			12,468,571		
December	1,146,966			13,615,537		
Total American cheese types ²						
January	474,315	471,650	-0.6	474,315	471,650	-0.6
February	426,094	444,350	4.3	900,409	916,000	1.7
March	476,720			1,377,129		
April	472,424			1,849,553		
May	478,522			2,328,075		
June	453,428			2,781,503		
July	466,236			3,247,739		
August	458,518			3,706,257		
September	448,435			4,154,692		
October	458,835			4,613,527		
November	449,258			5,062,785		
December	458,033			5,520,818		
Cheddar cheese						
January	346,949	332,479	-4.2	346,949	332,479	-4.2
February	300,535	312,294	3.9	647,484	644,773	-0.4
March	333,787			981,271		
April	334,079			1,315,350		
May	345,978			1,661,328		
June	326,915			1,988,243		
July	324,233			2,312,476		
August	319,498			2,631,974		
September	308,505			2,940,479		
October	320,443			3,260,922		
November	313,885			3,574,807		
December	327,668			3,902,475		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	481,029	503,643	4.7	481,029	503,643	4.7
February	443,254	469,859	6.0	924,283	973,502	5.3
March	502,468			1,426,751		
April	481,988			1,908,739		
May	481,370			2,390,109		
June	470,553			2,860,662		
July	483,375			3,344,037		
August	485,061			3,829,098		
September	486,098			4,315,196		
October	489,418			4,804,614		
November	478,321			5,282,935		
December	484,909			5,767,844		
Mozzarella						
January	374,948	394,810	5.3	374,948	394,810	5.3
February	345,504	360,781	4.4	720,452	755,591	4.9
March	392,357			1,112,809		
April	376,809			1,489,618		
May	376,774			1,866,392		
June	369,194			2,235,586		
July	376,286			2,611,872		
August	379,576			2,991,448		
September	378,479			3,369,927		
October	378,296			3,748,223		
November	374,204			4,122,427		
December	371,315			4,493,742		
Other Italian cheese types						
January	6,284	7,952	26.5	6,284	7,952	26.5
February	6,180	7,245	17.2	12,464	15,197	21.9
March	7,108			19,572		
April	6,549			26,121		
May	6,792			32,913		
June	7,609			40,522		
July	7,690			48,212		
August	7,673			55,885		
September	7,907			63,792		
October	8,242			72,034		
November	7,717			79,751		
December	8,825			88,576		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	209,630	194,034	-7.4	209,630	194,034	-7.4
February	186,304	183,635	-1.4	395,934	377,669	-4.6
March	198,920			594,854		
April	183,851			778,705		
May	184,894			963,599		
June	160,335			1,123,934		
July	150,625			1,274,559		
August	147,982			1,422,541		
September	143,409			1,565,950		
October	161,046			1,726,996		
November	156,118			1,883,114		
December	179,951			2,063,065		
Nonfat dry milk, human						
January	198,025	170,306	-14.0	198,025	170,306	-14.0
February	183,614	170,995	-6.9	381,639	341,301	-10.6
March	199,307			580,946		
April	194,262			775,208		
May	205,427			980,635		
June	187,018			1,167,653		
July	157,662			1,325,315		
August	121,978			1,447,293		
September	119,217			1,566,510		
October	123,153			1,689,663		
November	155,793			1,845,456		
December	167,769			2,013,225		
Skim milk powder, total ³						
January	35,992	43,415	20.6	35,992	43,415	20.6
February	31,639	29,612	-6.4	67,631	73,027	8.0
March	39,638			107,269		
April	46,966			154,235		
May	35,704			189,939		
June	43,452			233,391		
July	51,215			284,606		
August	61,493			346,099		
September	63,225			409,324		
October	68,698			478,022		
November	49,068			527,090		
December	38,263			565,353		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
January	83,988	80,406	-4.3	83,988	80,406	-4.3
February	75,323	74,998	-0.4	159,311	155,404	-2.5
March	79,609			238,920		
April	74,694			313,614		
May	77,738			391,352		
June	71,356			462,708		
July	81,094			543,802		
August	76,697			620,499		
September	70,198			690,697		
October	81,510			772,207		
November	75,034			847,241		
December	77,667			924,908		
Lactose, human and animal						
January	93,798	101,448	8.2	93,798	101,448	8.2
February	79,123	92,896	17.4	172,921	194,344	12.4
March	99,375			272,296		
April	91,508			363,804		
May	95,288			459,092		
June	94,642			553,734		
July	98,099			651,833		
August	92,290			744,123		
September	91,848			835,971		
October	96,944			932,915		
November	91,603			1,024,518		
December	103,273			1,127,791		
Whey protein concentrate, total						
January	43,800	47,226	7.8	43,800	47,226	7.8
February	37,512	47,148	25.7	81,312	94,374	16.1
March	42,286			123,598		
April	39,159			162,757		
May	42,393			205,150		
June	38,328			243,478		
July	39,821			283,299		
August	38,565			321,864		
September	38,249			360,113		
October	46,572			406,685		
November	46,638			453,323		
December	46,384			499,707		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	26,622	27,422	3.0	26,622	27,422	3.0
February	27,470	28,072	2.2	54,092	55,494	2.6
March	31,376			85,468		
April	27,227			112,695		
May	28,246			140,941		
June	28,923			169,864		
July	29,483			199,347		
August	29,433			228,780		
September	28,632			257,412		
October	27,437			284,849		
November	26,091			310,940		
December	27,393			338,333		
Cottage cheese, lowfat						
January	24,428	24,313	-0.5	24,428	24,313	-0.5
February	24,271	24,759	2.0	48,699	49,072	0.8
March	28,722			77,421		
April	25,170			102,591		
May	24,261			126,852		
June	24,447			151,299		
July	26,314			177,613		
August	25,972			203,585		
September	25,583			229,168		
October	23,915			253,083		
November	22,098			275,181		
December	22,824			298,005		
Sour cream						
January	115,248	121,358	5.3	115,248	121,358	5.3
February	113,749	114,628	0.8	228,997	235,986	3.1
March	133,250			362,247		
April	119,400			481,647		
May	120,542			602,189		
June	123,718			725,907		
July	121,354			847,261		
August	123,136			970,397		
September	119,780			1,090,177		
October	136,657			1,226,834		
November	134,172			1,361,006		
December	136,551			1,497,557		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	56,990	51,240	-10.1	56,990	51,240	-10.1
February	55,630	52,268	-6.0	112,620	103,508	-8.1
March	70,028			182,648		
April	67,955			250,603		
May	61,173			311,776		
June	67,019			378,795		
July	64,506			443,301		
August	63,596			506,897		
September	57,718			564,615		
October	55,652			620,267		
November	53,010			673,277		
December	51,571			724,848		
Ice cream, lowfat total						
January	30,737	27,545	-10.4	30,737	27,545	-10.4
February	33,507	30,947	-7.6	64,244	58,492	-9.0
March	44,486			108,730		
April	41,177			149,907		
May	44,880			194,787		
June	44,076			238,863		
July	44,102			282,965		
August	41,993			324,958		
September	36,644			361,602		
October	34,426			396,028		
November	28,885			424,913		
December	27,351			452,264		
Sherbet, hard						
January	2,666	2,303	-13.6	2,666	2,303	-13.6
February	2,605	2,511	-3.6	5,271	4,814	-8.7
March	2,559			7,830		
April	2,797			10,627		
May	2,334			12,961		
June	2,678			15,639		
July	2,856			18,495		
August	2,372			20,867		
September	2,283			23,150		
October	2,068			25,218		
November	1,853			27,071		
December	1,853			28,924		

See footnote(s) at end of table.

--continued

Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	385,594	372,943	-3.3	385,594	372,943	-3.3
February	381,121	372,974	-2.1	766,715	745,917	-2.7
March	442,886			1,209,601		
April	413,835			1,623,436		
May	388,759			2,012,195		
June	385,738			2,397,933		
July	392,305			2,790,238		
August	402,655			3,192,893		
September	404,137			3,597,030		
October	386,209			3,983,239		
November	355,645			4,338,884		
December	371,720			4,710,604		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	3,804	3,371	-11.4	3,804	3,371	-11.4
February	4,101	4,174	1.8	7,905	7,545	-4.6
March	3,153			11,058		
April	2,431			13,489		
May	2,318			15,807		
June	3,400			19,207		
July	3,174			22,381		
August	2,869			25,250		
September	2,892			28,142		
October	2,592			30,734		
November	1,949			32,683		
December	2,495			35,178		

¹ Excludes Cottage Cheese.

² Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

³ Includes protein standardized and blends.

⁴ Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions:
February 2021 and 2022**

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	193,766	208,816	201,613	4.0	-3.4
Idaho	72,985	87,492	73,004	-	-16.6
Illinois	4,798	6,178	5,856	22.1	-5.2
Iowa	26,652	32,150	30,655	15.0	-4.7
Minnesota	59,159	65,796	62,630	5.9	-4.8
New Jersey	4,021	5,152	4,598	14.3	-10.8
New Mexico	72,422	84,101	76,061	5.0	-9.6
New York	68,110	65,294	71,824	5.5	10.0
Ohio	18,857	22,957	20,160	6.9	-12.2
Oregon	16,763	20,120	18,371	9.6	-8.7
Pennsylvania	34,059	39,317	35,973	5.6	-8.5
South Dakota	43,156	45,210	44,257	2.6	-2.1
Vermont	11,617	12,319	11,422	-1.7	-7.3
Wisconsin	264,362	286,721	278,309	5.3	-2.9
Other States ¹	152,778	190,383	174,762	14.4	-8.2
United States	1,043,505	1,172,006	1,109,495	6.3	-5.3
Atlantic	128,322	132,088	134,972	5.2	2.2
Central	496,613	565,058	536,699	8.1	-5.0
West	418,570	474,860	437,824	4.6	-7.8

- Represents zero.

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

American Cheese Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	46,688	47,261	42,820	-8.3	-9.4
Idaho	45,842	52,984	48,657	6.1	-8.2
Iowa	15,929	15,804	15,664	-1.7	-0.9
Minnesota	48,497	53,714	51,122	5.4	-4.8
New York	11,870	11,224	13,175	11.0	17.4
Oregon	16,668	20,026	18,232	9.4	-9.0
Wisconsin	86,176	91,644	88,700	2.9	-3.2
Other States ¹	154,424	178,993	165,980	7.5	-7.3
United States	426,094	471,650	444,350	4.3	-5.8
Atlantic	27,384	28,388	28,487	4.0	0.3
Central	225,445	252,550	240,347	6.6	-4.8
West	173,265	190,712	175,516	1.3	-8.0

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Cheddar Cheese Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	23,044	23,366	22,114	-4.0	-5.4
Iowa	8,827	9,346	10,066	14.0	7.7
Minnesota	46,607	52,253	49,851	7.0	-4.6
Oregon	14,427	16,795	16,422	13.8	-2.2
Vermont	8,682	8,811	8,011	-7.7	-9.1
Wisconsin	59,441	62,288	60,600	1.9	-2.7
Other States ¹	139,507	159,620	145,230	4.1	-9.0
United States	300,535	332,479	312,294	3.9	-6.1
Atlantic	26,721	26,569	27,225	1.9	2.5
Central	155,817	177,730	168,157	7.9	-5.4
West	117,997	128,180	116,912	-0.9	-8.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Total Italian Cheese Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	126,430	140,601	135,929	7.5	-3.3
Idaho	23,244	29,749	20,050	-13.7	-32.6
Minnesota	10,447	11,757	11,201	7.2	-4.7
New Jersey	1,863	2,830	2,294	23.1	-18.9
New York	28,800	30,141	29,605	2.8	-1.8
Pennsylvania	22,094	26,281	22,016	-0.4	-16.2
Wisconsin	126,443	136,747	134,781	6.6	-1.4
Other States ¹	103,933	125,536	113,982	9.7	-9.2
United States	443,254	503,643	469,859	6.0	-6.7
Atlantic	56,943	61,146	57,958	1.8	-5.2
Central	184,718	204,722	197,243	6.8	-3.7
West	201,593	237,775	214,658	6.5	-9.7

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Mozzarella Cheese Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	114,861	127,752	123,031	7.1	-3.7
Idaho	22,629	28,962	19,440	-14.1	-32.9
New York	14,523	14,730	15,723	8.3	6.7
Pennsylvania	18,497	22,550	17,877	-3.4	-20.7
Wisconsin	82,293	87,613	82,700	0.5	-5.6
Other States ¹	92,701	113,203	102,010	10.0	-9.9
United States	345,504	394,810	360,781	4.4	-8.6
Atlantic	36,621	39,671	37,449	2.3	-5.6
Central	120,357	131,987	122,877	2.1	-6.9
West	188,526	223,152	200,455	6.3	-10.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Butter Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	57,003	62,743	59,212	3.9	-5.6
New York	1,892	1,820	1,833	-3.1	0.7
Pennsylvania	7,912	7,820	7,811	-1.3	-0.1
Other States ¹	119,497	121,651	114,779	-3.9	-5.6
United States	186,304	194,034	183,635	-1.4	-5.4
Atlantic	17,438	17,252	17,111	-1.9	-0.8
Central	75,166	75,207	71,190	-5.3	-5.3
West	93,700	101,575	95,334	1.7	-6.1

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Nonfat Dry Milk (Human) Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	88,098	79,452	82,107	-6.8	3.3
Pennsylvania	12,185	15,377	14,011	15.0	-8.9
Other States ¹	83,331	75,477	74,877	-10.1	-0.8
United States	183,614	170,306	170,995	-6.9	0.4
Atlantic	25,197	28,140	27,714	10.0	-1.5
Central	33,059	31,031	32,648	-1.2	5.2
West	125,358	111,135	110,633	-11.7	-0.5

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Dry Whey (Human) Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,852	13,497	10,435	-3.8	-22.7
Wisconsin	25,992	24,736	24,495	-5.8	-1.0
Other States ¹	37,401	39,615	38,770	3.7	-2.1
United States	74,245	77,848	73,700	-0.7	-5.3
Atlantic	21,229	24,036	20,227	-4.7	-15.8
Central	35,507	35,186	35,506	-	0.9
West	17,509	18,626	17,967	2.6	-3.5

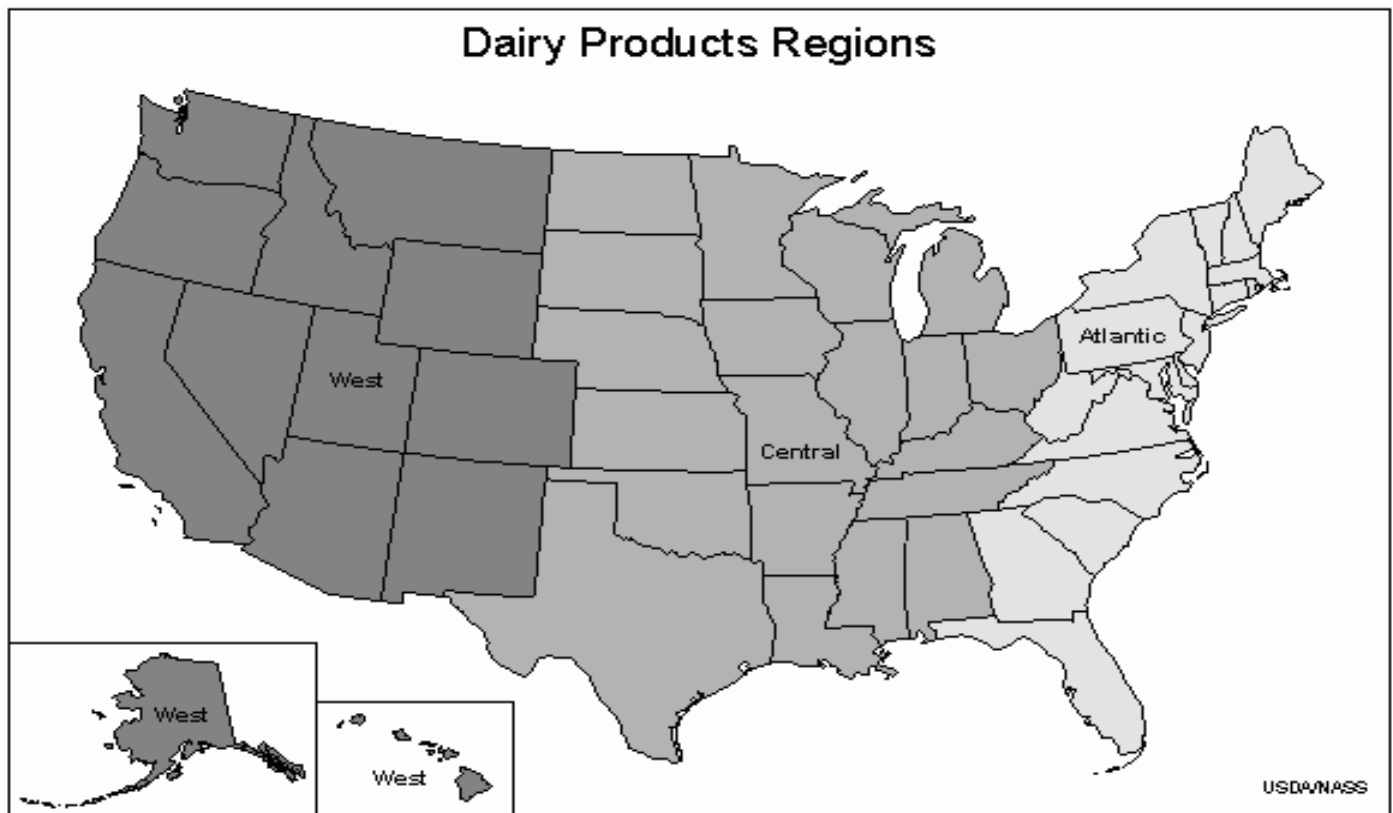
- Represents zero.

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States, United States, and Regions: February 2021 and 2022

State and region	February 2021	January 2022	February 2022	Change from	
				February 2021	January 2022
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	5,974	5,126	5,328	-10.8	3.9
Connecticut	1,147	901	1,103	-3.8	22.4
Missouri	2,913	3,033	2,943	1.0	-3.0
New York	1,760	2,142	1,950	10.8	-9.0
Ohio	2,358	2,472	1,849	-21.6	-25.2
Oregon	1,033	1,089	1,029	-0.4	-5.5
Pennsylvania	2,183	2,188	2,190	0.3	0.1
Tennessee	2,010	1,733	1,790	-10.9	3.3
Utah	1,729	1,097	1,328	-23.2	21.1
Wisconsin	505	493	508	0.6	3.0
Other States ¹	34,018	30,966	32,250	-5.2	4.1
United States	55,630	51,240	52,268	-6.0	2.0
Atlantic	11,989	11,700	11,779	-1.8	0.7
Central	33,096	30,483	31,138	-5.9	2.1
West	10,545	9,057	9,351	-11.3	3.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.



West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Central: Alabama, Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin.

Atlantic: Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, North Carolina, Rhode Island, South Carolina, Vermont, Virginia, West Virginia.

Statistical Methodology

Data Collection Period: Dairy products estimates are based upon survey data collected after the close of each month. Production data are provided by the firms producing dairy products.

Sampling frames and sample size: In 2020, there were 1,242 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

Estimating Procedures: In the Regional Field Office (RFO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each RFO summarizes data at the Individual State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both RFO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, RFO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

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Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Suzanne Richards – Dairy Products	(202) 720-4448

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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2022 USDA Spring Data Users' Meeting

April 19, 2022

FREE AND OPEN TO THE PUBLIC



USDA Spring Data Users' Meeting **Join Us Online or in Chicago** **April 19, 2022**

University of Chicago – Gleacher Center
450 North Cityfront Plaza Drive
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USDA's National Agricultural Statistics Service (NASS) will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2022 Spring Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php).

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 20, 2022. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>).